



**Flexible Polyurethane Foam - C45190**  
**Gross Density - 45 kg/m<sup>3</sup>, Hardness - 190 N**  
**Combustion Modified High Resilient polyether**

Valid from 2014-01-28

Issued by

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Chemical engineering/HSEQ

**Specifications**

Colour	white	
Net Density	40-44	kg/m <sup>3</sup>
Hardness	190 ± 15%	N
Permeability	<5	cm wc
Air resistance	-	kPa.s/m <sup>2</sup>
Fogging	-	% reflection
Volume resistivity	-	ohm cm
Surface resistivity	-	ohm

**Flame specifications**

Burning rate	-	mm/min (FMVSS 302)
EN 1021-1	pass	
EN 1021-2	pass	
BS 5852 pt 2/crib 5	pass	(Statutory Instrument No 1324)
EN 597-1	pass	
EN 597-2	pass	
California 117 A	pass	
California 117 D	pass	

**Typical values**

Compression set	4	%
Tensile strength	-	kPa
Elongation	-	%
Tearing strength	-	N/cm

**Foam certifications**

CertiPUR	yes	more info. at <a href="http://www.europur.com">www.europur.com</a>
Öko-Tex	-	more info. at <a href="http://www.oeko-tex.com">www.oeko-tex.com</a>
ESD-approval	-	

Parameter	Testmethod	According to	Remarks
Density	ReGi 02	ISO 845	
Hardness ILD-40 %	ReGi 03	SS-ISO 2439 B	
Hardness CDH-40 %	ReGi 04	ISO 3386	
Compression set	ReGi 05	SS-EN ISO 1856	75% 22 h 70° C
Burning rate	ReGi 08	FMV SS 302	
Air permeability	ReGi 06	Recticel SS/T.015.0	
Air resistance	ReGi 07	ASTM C522	
Fogging	ReGi 09	ISO 6452; DIN 75201-A	6 h 75° C
Tear resistance	ReGi 12	SS-EN ISO 8067	
Tensile strength	ReGi 11	SS-ISO 1798	
Elongation	ReGi 11	SS-ISO 1798	
Resistivity	ReGi 10	ASTM D257	volume & surface resistivity